<110>   Shafer, David A.

<120>   Methods for Detecting and Mapping Genes,
           Mutations and Variant Polynucleotide Sequences

<130>   D6429

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gtatgctaag tagctgctag taagtacg                             28


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ggtagtagct agcacctagg caccttattt accacaagac atgcatcccg 50
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tatggtaacc ctag                                                 14


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cgttacgcta acctgctatc taccact                                   27
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tatggtaacc ctag                                                14



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acgggatgca tgtcttgtgg ttttctaggg ttaccata                38


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gataccgtag ctacgcgtac tacgtttgct acgtacttat                    40
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gagcggataa caatttcaca cagg   24

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gcctagacct aggggtagct aggctac                         27


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ccagggtttt cccagtcacg ac   22

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gtaatagcgt ac   12

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gtaatagcgt ac   12

<210>   109
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gcctagacct aggggtagct aggctac   27

<210>   110
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gcctagacct aggggtagct aggctac   27

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<220>
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ctactcttag gccctatcgt atcgtag   27

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gtaatagcgt ac                                              12


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gtaatagcgt ac                                              12


<210>      115
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gtaatagcgt ac                                              12


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gtacgtaact ag                                                        12


        <210>      124
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gtacgtaact ag                                                        12
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ctacctatct ac                                          12


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ctacctatct ac                                          12


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ctacctatct ac                                          12


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ctacctatct ac   12

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ctaggtagct ag   12

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ctaggtagct ag   12

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ctaggtagct ag   12

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ctaggtagct ag   12

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gtacgctatt ac   12

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ctagctacct ag   12

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ctatctagta cg                                                    12


<210>        140
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ctatctagta cg                                                    12


<210>        141
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ctatctagta cg                                                    12


<210>        142
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<220>
<223>      Green set third linker E

<400>      142
ctatctagta cg                                                    12


<210>      143
<211>      71
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<220>
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cttttatttg tagataggta g                                         71


<210>      144
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<212>      DNA
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<220>
<223>      Sense overlap oligomer

<400>      144
ctacgatacg ataggggtaa gagtagtttc tacctatcta c             41


<210>      145
<211>      72
<212>      DNA
<213>      Artificial Sequence
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<220>
<223>   Anti-sense target oligomer

<400>   145

gcctagacct aggggtagct aggctacttt taaaagccgc tgcctccctg 50
ttgtctgttt gtagataggt ag   72

<210>   146
<211>   42
<212>   DNA
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<220>
<223>   Anti-sense overlap oligomer

<400>   146

gcctagacct aggggtagct aggctacttt ctacctatct ac   42

<210>   147
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           oligo-TAG

<400>   147

cgtactagat ag   12